



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

Ju-Yup Kim et al.

Application No.: 10/669,464

Filing Date: September 25, 2003

Title: NON-AQUEOUS ELECTROLYTIC
SOLUTION AND LITHIUM BATTERY
EMPLOYING THE SAME

) **MAIL STOP AMENDMENT**

) Group Art Unit: 1745

) Examiner: Laura S. Weiner

) Confirmation No.: 4566

AMENDMENT/REPLY TRANSMITTAL LETTER

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Enclosed is a reply for the above-identified patent application.

- ☐ A Petition for Extension of Time is enclosed.
- ☐ _____ Terminal Disclaimer(s) and the ☐ \$ 65 ☐ \$ 130 fee per Disclaimer due under 37 C.F.R. § 1.20(d) are enclosed.
- ☐ Also enclosed is/are: _____
- ☐ Small entity status is hereby claimed.
- ☐ Applicant(s) requests continued examination under 37 C.F.R. § 1.114 and enclose the ☐ \$ 395 ☐ \$ 790 fee due under 37 C.F.R. § 1.17(e).
- ☐ Applicant(s) requests that any previously unentered after final amendments not be entered. Continued examination is requested based on the enclosed documents identified above.
- ☐ Applicant(s) previously submitted _____ on _____ for which continued examination is requested.
- ☐ Applicant(s) requests suspension of action by the Office until at least _____, which does not exceed three months from the filing of this RCE, in accordance with 37 C.F.R. § 1.103(c). The required fee under 37 C.F.R. § 1.17(i) is enclosed.
- ☐ A Request for Entry and Consideration of Submission under 37 C.F.R. § 1.129(a) (1809/2809) is also enclosed.

- ☒ No additional claim fee is required.
- ☐ An additional claim fee is required, and is calculated as shown below:

| AMENDED CLAIMS | | | | | |
|--|---------------|---|--------------|-----------------|----------------|
| | No. of Claims | Highest No. of Claims Previously Paid For | Extra Claims | Rate | Additional Fee |
| Total Claims | 22 | 22 | 0 | x \$ 50 (1202) | \$ 0 |
| Independent Claims | 1 | 3 | 0 | x \$ 200 (1201) | 0 |
| <input type="checkbox"/> If Amendment adds multiple dependent claims, add \$ 360 (1203) | | | | | \$ 0 |
| Total Claim Amendment Fee | | | | | \$ 0 |
| <input type="checkbox"/> Small Entity Status claimed - subtract 50% of Total Claim Amendment Fee | | | | | 0 |
| TOTAL ADDITIONAL CLAIM FEE DUE FOR THIS AMENDMENT | | | | | \$ 0 |

- ☐ Charge _____ to Deposit Account No. 02-4800 for the fee due.
- ☐ A check in the amount of _____ is enclosed for the fee due.
- ☐ Charge _____ to credit card for the fee due. Form PTO-2038 is attached.
- ☒ The Director is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.20(d) and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BUCHANAN INGERSOLL & ROONEY PC

Date September 15, 2006

By: _____

Laura L. Lee

Registration No. 48752

P.O. Box 1404
Alexandria, VA 22313-1404
703 836 6620

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

Ju-Yup Kim et al.

Application No.: 10/669,464

Filed: September 25, 2003

For: NON-AQUEOUS ELECTROLYTIC
SOLUTION AND LITHIUM BATTERY
EMPLOYING THE SAME



MAIL STOP AMENDMENT

Group Art Unit: 1745

Examiner: Laura S. Weiner

Confirmation No.: 4566

RESPONSE TO ELECTION OF SPECIES REQUIREMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In response to the August 15, 2006 election requirement, Applicants respectfully elect:

Formula I as dimethyl malonate; and

Inorganic solvent of a mixture of diglyme (DGM), dimethoxyethane (DME), and 1,3-dioxolane (DOX).

The species of Formula I and the species of solvent read on claims 1-3, 5-6, 8, and 10-22.

Applicants respectfully submit that all pending claims are in condition for allowance and request rejoinder and withdrawal of the election of species upon allowance of the generic claims. Applicants respectfully submit that claims 1-3, and 10-22 are generic.

Applicants invite the Examiner to contact Applicants' representative at the telephone number listed below if any issues or discussion regarding any portion of the application is desired by the Examiner.

In the event that this paper is not timely filed within the currently set shortened statutory period, Applicants respectfully petition for an appropriate extension of time. The fees for such extension of time may be charged to our Deposit Account No. 02-4800.

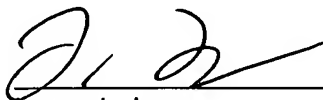
In the event that any additional fees are due with this paper, please charge our
Deposit Account No. 02-4800.

Respectfully submitted,

BUCHANAN INGERSOLL & ROONEY PC

Date: September 15, 2006

By:



Laura L. Lee

Registration No. 48752

P.O. Box 1404
Alexandria, VA 22313-1404
703 836 6620